

## Williams Makes Home For Foreign Student

Young Viennese Senior Attends Bearden High

There's a bit of old Vienna in the Joe Williams household these days — in the form of a lively teen-age high school senior. Raimund Badelt, attending Bearden High School this year on an American Field Service International Scholarship, will spend his last year in high school in the Williams' home — thousands of miles from his native soil.

But there's little chance the visiting Austrian will become homesick. "There's too much to do here," he explains. "It leaves little time for that kind of thought."

Students at Bearden raised the necessary money to assure themselves a foreign student in their Tag Day Sale last Spring. A minimum of \$650 is required for a school to participate in the American Field Service program. The students raised all but \$100 which was quickly added by the Parent-Teachers Association at Bearden.

The Williams have two sons of their own, in addition to their "adopted" son . . . Joe, Jr., also a senior at Bearden, and Mike, age 9. They live at 7027 Rockingham Dr., Knoxville. Mrs. Williams explains it's no problem at all having another boy in the home. "He's a courteous, likeable person, and fits well into our family circle as well as his school life. We're already dreading losing him next June when he returns home."

Raimund is the son of Mr. and Mrs. Raimund Badelt of Vienna. His father is an administrative official in the Austrian Federal Treasury. He has two brothers at home, ages 13 and 10.

Actually, Joe, Jr., and "Ray" as he was quickly tagged and Americanized when he arrived in late July, have many interests in common. Joe, Jr. hastily adds that the name "Raimund" is given the European pronunciation which comes out roughly "Rye-mond" with a guttural sound right in the middle of it. "We could never do that," Joe grinned. "So he is just plain 'Ray'!" The two lads have a running chess game that keeps their spare time filled, also a huge stamp collection that they can barter back and forth with for hours. The younger Williams learned early that Americans have no monopoly on the art of "swapping." Young Joe's first interest in school is math, with social studies coming in a close



ANCHORS AWEIGH IS THE CRY in Research Services as Oat Webb, retiring Friday, September 29, receives the handsome aluminum boat from fellow workers at his recent farewell party. The happy crowd is seen gathered around the run-about. Webb ends more than 14 years company service at his retirement.

second. Raimund leans toward history, languages and geography. The difference in our high schools and the academies abroad are a little startling. In the first place, Austrian high schoolers only go to school from 8 a.m. until noon. Before there is a mass exodus of teen-agers to the more fertile plains of Central Europe, Raimund hastily explains "you study all afternoon with the load of homework they give you."

### Arrived 1 Month Early

The Williams youth was particularly pleased that his visiting friend got to come early, at least a month before school started. "We got to know each other in that month. It gave him a chance to get to know us, and gave us a chance to study him. Then we had some time to swim, and horse around in general. It made starting to school a little less difficult."

Language barriers present hardly any problems at all at home or at school.

Williams, Senior, who is superintendent of the Forming Department in Y-12, takes the whole thing in stride. "What's another boy in the house — three can't make much more racket than two can," he quipped. "But it's a good experience for all of us."

The young Austrian particularly wanted to come to America to study her government, people and customs. From all indications, all three have passed the rigid tests. In years to come, freedom will always have an ally in middle Europe, and the Joe Williams family will always have the love and respect of their "adopted" son.



EINS, ZWEI, DREI, VIER, FUENF . . . the 3500 stamp collection of Joe Williams, Jr. is counted off. From left are Mrs. Williams, Joe, Jr., Joe L. Williams, of Y-12's Forming Department, Raimund Badelt, and Mike Williams. The Williams are playing hosts to Raimund, visiting from Vienna, Austria, and attending Bearden High School, Knoxville, for his senior year.

## Y-12's Oat Webb Retires Friday

12-Year Vet Given Boat By Co-Workers

Another well-liked Y-12er retires Friday, September 29, as Oat Webb, RED Mechanic in Research Services leaves the plant after 14 years, four months service. He is the 18th retiree from Y-12 for 1961, and the 92nd to retire since Union Carbide began operations here in 1947.

The popular mechanic was honored by fellow-workers last Wednesday, September 20. Leading the delegation to say proper farewells was D. H. Loveday, who said he didn't have "to pin roses on Oat Webb . . . Mr. Webb has been pinning roses on himself ever since he's been in this plant." Oak Ridge National Laboratory personnel also witnessed the congeniality of the retiring Webb. Said R. B. Gallaher, ORNL, "We never gave him a job to do that there wasn't a smile. I don't know where his patience came from, but Mr. Webb always had a pleasantness about him that made him a joy to work around."

An aluminum boat was given to Webb after his co-workers had given testimonials of their fondness for him. Someone quipped that Webb had the most amazing hands in history, was the only man who had ever "caught a bullfrog on a fly-rod."

### Born In Knox County

The RED mechanic was born in Knox County September 3, 1896. He entered the United States Army briefly in 1918. His first public works were in Knoxville with the Mechanic Gulf Refining Co. from 1919 through 1922. He also worked briefly with the B & B Auto Co. there. In 1924 he worked with the Rowe Transfer Co., also in Knoxville, and stayed with this firm until 1935 in the capacity of a mechanic.

He then went with the Mechanic Railway Express Co., Knoxville, and worked there until he came to Oak Ridge for employment.

### Has Three Grandchildren

He lives with his wife and daughter at 1131 Connecticut Ave., Knoxville. He married the former Ollie Elizabeth Clark in 1929. Their daughter at home is Mary Evelyn Webb. Their other daughter is married, Frances Ellen Garrison, who brings the three grandchildren (two girls, one boy) over for plenty of spoiling.

Webb doesn't have too many debts. He wants to take it easy for some time recuperating from recent major surgery. He says he does plan to put the boat to good use, and invites all his friends over to go fishing with him.

One employee said of Webb, "As a craftsman he was the best, as a man they just don't come any better."

The kindly Webb takes with him the good wishes for a long and happy life of retirement.

## ORNL Ships 1,031 Radioisotope Orders

The United States Atomic Energy Commission announces that Oak Ridge National Laboratory made 1,031 shipments of radioisotopes totaling 77,196 curies during August, making 8,914 shipments involving 310,739 curies thus far during 1961.



A BOAT FOR OAT with kind words for the retiring O. Webb was the order of the day at the testimonial given for the genial RED Mechanic. Standing from left are R. B. Gallaher and Charles Gifford, both of Oak Ridge National Laboratory; William R. Carver, C. W. Mason, Dillard H. Loveday, Bruce C. Harrington, Ernest L. Pickard and Leonard R. Bledsoe, all of Y-12's Research Services.

## 6 'Old-Timers' Have 180 Years With UCC

Y-12 will be well represented at the "Old Timers" dinner tomorrow, Thursday, September 28, at the Holiday Inn, Oak Ridge. A total of 180 years combined company service for six employees is Y-12's contribution to the event.

The six employees are Daniel H. Rader, Superintendents, 31 years; T. I. Sloan, Beta Four Heavy Machine Shop, 25 years, attending his first "Old Timer" affair; Dave W. Harrigan, 27, and Finley Creigh, 31, Shift Superintendents; Harold E. Davis, Utilities, 31; and grand champion of all Y-12ers Martin Nygard, Z Area and Dispatching, with a total of 35 years company service.

## Photography Is Topic Of ACS October 4 Meet

An interesting program has been lined up by the Analytical Group of the East Tennessee Section, American Chemical Society, in their meet next Wednesday, at 8 p.m. in the Robertsville Junior High School Cafeteria.

Dr. H. H. Willard, Professor Emeritus at the University of Michigan, will speak on "Photographic Processes — Old and New." Although Dr. Willard is an analytical chemist by profession, photography has been his hobby for years. His description of older film types and developing processes should prove very enlightening.

Any person interested in photography is invited to the ACS meeting.

## Engineers To Hear Georgia Tech Prof

The East Tennessee Chapter of the American Institute of Industrial Engineers will hold their first fall meeting tomorrow, September 28, at the Town House Restaurant, Knoxville. Dinner is set for 7 p.m., and the program will begin at 8.

Col. Frank Groseclose, Director of the School of Industrial Engineering at the Georgia Institute of Technology, Atlanta, Ga., has been chosen as the speaker for the first meeting. Col. Groseclose is a past president of the AIEE and is well known as an educator. At Georgia Tech, he instituted the first PhD program for Industrial Engineering in the country.

Guests are being welcomed to the meeting. Dinner reservations may be made through Ralph Wilson, extension 8293, or Oak Ridge telephone 483-6796.

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
19 Days Or  
592,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury

Through September 24

Phone 7755

For Daily Report  
On Accident-Free Hours



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
Division Of  
UNION CARBIDE CORPORATION

JAMES A. YOUNG ..... Editor

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## Change Of Address Must Be Reported

### Vital Papers Often Mailed To Employees

Are you tagged in Personnel Records? A metal clip on your file in the master address card means that an old address is posted on your records. If an employee moves or changes address in any form, he should pick up a "Change of Address" form from his departmental office, fill it out and drop it in the plant mails.

The Timekeeping Office also adds that a "Change of Address" form put in the mails is not sufficient to change an employee's address for the mailing of payroll checks to an employee's home. This procedure must take place in the time office. An employee with an address change, having his check mailed home must go by Timekeeping, in Building 9711-5, beneath the Cafeteria, and give the department his current address.

### Correct Address Vital

It is vital to an employee that Carbide have a correct address on him, as much to the interest of the employee as to the company. Necessary income tax statements, social security reports, and other important papers must, of necessity, be mailed to the home from time to time.

The old story "for want of a nail, a shoe was lost" is particularly apt in a lost-address situation. Don't let important correspondence get "bogged down" because your address is not current in company files.

### Forms Available

The change of address forms are readily available throughout the plant, and can be filled out in seconds. It may save a lot of headaches later to correct your address now!

One good indication that Personnel Records has your correct address is that this Bulletin reached you. If a paper is not delivered to your home address each week, it means that an old out-dated address exists in your files. That is a sure indication that a change of address form is overdue in your own particular case.

## Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12ers who will complete 10 years of Company Service within the next few days. No employees were listed in the 15-year company service group.

### 10 YEARS

Mattie R. Marlar, Production Assay, September 27.  
Clarence D. Wells, Alloy Shop, September 27.  
Joseph S. McCarty, General Machine Shop, October 1.  
Wallace E. Pierce, Buildings and Grounds, October 1.  
Kenneth B. Silva, Process Maintenance, October 1.  
Rosie B. Strong, Chemical, October 2.  
Richard M. French, Special Testing, October 3.

Shoot the works for security.



The Bulletin and the Recreation Office share offices as well as telephones. The following conversation took place last week when the editor answered the telephone:

Unidentified Voice: "Recreation? Could you tell me who Bobby Shantz is playing with?"  
Editor: "No, but I hope he's being discreet about it."

Seriously, we are told that Bobby Shantz plays baseball with the Pittsburgh team. With that let's team up with our reporters and see what's new around the plant.

### FINANCE AND MATERIALS

Get well wishes are being rushed to **Lula Bell Justice**, a fixture in Y-12's Mail Room, who is ill.

**Betty Walker**, Plant Records, vacationed last week at her home on Solway Road.

Engineering Records has **Finley West** and family vacationing last week also, down on Watts Bar Lake fishing.

Property is passing on get well wishes to **Gertrude Gentry** who is ill in the hospital in Loudon.

Quote of the day: "It's easier to 'elope with 'em' than 'to cope with 'em.'"

### TECHNICAL

Special Projects, down Beta Four-way, say that **Sam Rea** is back at the old drawing board singing the praises of his new car on the road to and from Newport. . . . **George McGown** is wearing out his home telephone since he returned from Myrtle Beach, S. C. . . . **Chuck Maberry** spent a week visiting his folks in Carthage, and he also completely rewired his house for one zillion volts from the sound of all those boxes he installed. . . . **Stan Hull** spent a great deal of his time around home, but also increased the visitor roll in the Great Smokies by four where he and family saw more b'ars than iver befor! . . .

**Jim Dodson**, loyal Tiger fan to the death, journeyed all the way to Detroit to give with yells of encouragement (He should have yelled just a little louder!) . . . Not a vacation, but equally great, **Margaret Williams** spent a weekend recently at Eagle Point. Daughter Nancy caught a big-enuf-to-eat bass, and got the thrill of her life. . . . **Dick Ca-wood**, one of the few lucky ones with vacation days left, plans on tripping to Columbia, S. C. to build sand castles with the aid of his wife and brother (stationed in those parts), and then taking the long way home to see if the peachtrees are blooming in Atlanta.

Radiation Safety is speeding get well wishes to **Roy Robert's** wife, ill in Oak Ridge Hospital. . . . The entire department got together this past Saturday at Cove Lake for a "last rose of summer" picnic. Reports from those parts are terrific, and pictures are promised for a later Bulletin.

It's good to have **Elizabeth Johnson** back at her Statistical Services desk. Maybe there'll be news again from the old stomping grounds down around 9706-1A.

Mechanical Inspection folks have **Glen Wells** at home this week taking things easy around Knoxville.

You're getting along in years when it takes you twice as long to rest, and half as long to get tired again.

### MAINTENANCE

Area Five Maintenance is welcomed back into the fold with news again of **D. V. Zehner** spending two weeks touring New York and Washington, D. C. May even get in some World Series games. . . . **W. C. Williams** vacationed down Gawgah-way. . . . Every one sends best wishes for a speedy recovery to **L. A. Jeff-**

reys, on the ailing list. . . . Condolences are sent to the **C. E. Dalton** family in the recent death of his brother. . . . Welcome mats are out for **C. A. Goddard** transferring in from ORGDP and **J. E. Herrin** transferring from within the Y-12 Plant.

Around Buildings and Grounds they're telling that **Arthur Ogden** is as proud as punch over his son's appointment to commander of the Field Hospital of the 3rd Infantry Division at Fort Benning, Ga.; Art is taking a week's vacation to visit his son.

Electrical is welcoming in **Coopper W. W. Moschler**, who attends the Virginia Polytechnic Institute, Lexington, Va. . . . Best wishes for a speedy recovery are sent to **E. R. Robinson**, and **A. E. Morton**. . . . **F. J. Kilpatrick** went way out West on his vacation, looking around Denver, Colo. . . . **J. V. Bibee** decided to stay at home on his time off and build a workshop. . . . Sympathy is extended to **J. D. Moore** in the death of his father last week.

Wife: "We should have a book about our vacation."  
Husband: "We have, dear. . . our check book."

### INDUSTRIAL RELATIONS



Jackie Lee and Shari Wolfe

These little cuties are the latest "grandpop" pictures flashing around Fire and Guard Headquarters, as Capt. **Emmett Moore** brags all over the place. They are Becky's children (she is married to Sgt. 1st Class Jack L. Wolfe, currently with the US Air Force in Europe). The kids and Becky are spending the summer at home while pop is away with the fly-boys. (The bear isn't identified!) . . . F & G folks are sending get well wishes to **C. H. Nicely's** wife. . . . and to both **F. L. Hammer** and **Lt. Jerry Hasting**, who underwent surgery last week. . . . Capt. **Harry Dickenson** jaunted down Florida way last week with wife and daughter Jean and her family.

From the Cafeteria comes word that **Mayme Hundley** is spending two weeks vacationing at home in Knox. . . . Welcome in to **W. J. Murphoy**. . . . Mrs. **Rosa Lowe** is welcomed back after a lengthy illness. . . . **David Treece** vacationed at his home in Knoxville with side trips to Morristown, for fishing and hunting.

Whether it's ideas or children, our own are always better than someone else's.

### SHIFT SUPERINTENDENTS AND UTILITIES

From the SS Office it's told that **C. W. Frazier** vacationed working on his "ranch" in Karns. Utilities tell that **H. L. Cox** is busy building a new home during his vacation. . . . **E. D. Lay**, also was a stay-at-homer.

### MECHANICAL OPERATIONS

From Special Mechanical Production **W. L. Benzenhafer** is vacationing in (?) parts. . . . On the sick list is **A. T. Bradford**, **E. J.**



Frances Goodwin as "Mrs. McThing"  
Starring In Drama With Lynn Rose Fillengave

## Frances Goodwin Takes Starring Roles In Summer Stock Dramas

### Daughter Of Andy Goodwin Wins Plaudits In Helen Hayes Role Of 'Mrs. McThing'

Assuming a Helen Hayes role, pitted against child star Eddie Hodges (of "Music Man" fame) is no small task. But it's all in a day's work for Y-12's "small claim on the stage" as Frances Goodwin took the leading role recently in summer stock in "Mrs. McThing."

From Shakespearean tragedy to modern Inge drama the ethereal-faced young actress is equally at home. In other plays at Mississippi Southern College this summer she also starred in such vehicles as "Picnic" and the title role in "Laura."

She is the daughter of Mr. and Mrs. Andy T. Goodwin, Route 5, Clinton; and her father is in Y-12's Mechanical Maintenance Department.

Awarded a scholarship for the 1961 year, Frances is attending Blue Mountain College for Girls, Blue Mountain, Miss., where she is a speech major with heavy emphasis on drama.

During this past summer the summer stock company at Hattiesburg, Miss., which boasts to be the only summer stock theatre company in the mid-South, visiting stars of stage and movie renown were featured in outstanding stage roles.

During her senior year at Blue Mountain this fall, Frances is Technical Director in the drama department. She is also a member of Alpha Psi Omega.

"Mrs. McThing" is an imaginative drama of a charwoman who becomes "everything and all things" to the children around her. Miss Goodwin received excellent reviews in her performance in the Hayes role, as well as her other two starring roles during the summer.

## Pate Gives Recipe For Perfect Rest

Jim Thompson, Mechanical Inspection Department, has come up with the perfect formula for a vacation. He got the following log from J. W. Pate, who kept it on his recent "stay-at-home" vacation.

Repaired window Monday morning — afternoon: nap.

Mowed back yard Tuesday morning — afternoon: nap.

Mowed front yard Wednesday morning — afternoon: nap.

Rested Thursday morning — afternoon: nap.

Rested Friday morning — afternoon: nap.

Had nothing to do Saturday morning and afternoon: nap.

The Bulletin will (. . . yawn) gladly reprint (zzzzzz) any other good formulae for happy vacations.

### EXPENSIVE DITCH

The Panama Canal cost the United States \$375,000,000 to build.

## Playhouse Try-Outs For Kids Saturday

Young actors will have a chance to perform in the Oak Ridge Playhouse's forthcoming production of "Castle Capers." Try-outs for young thespians between the ages of 10 and 15 are being held this Saturday morning, September 30, between the hours of 10:30 a.m. and 12:30 p.m. at the Playhouse in Jackson Square.

The play, which will be given early in December, offers many acting roles as well as opportunities for members to learn all phases of play production from set and costume design and construction to makeup and lighting. All young people interested in participating, either as actors or as crew, are invited to attend these tryouts.



# Carl Dorr Wins Fourth All-Carbide Golf Tournament



**YELLING THE WILDCATS** on to victory this year will be three attractive young daughters of Y-12ers. The cheerleaders for the Oak Ridge High School games during the 1961-62 season are Janie Campbell, insert, daughter of James H. Campbell, Electrical; Bama Rucker, upper right, daughter of Rhodes S. Rucker, Sunflower Foundry; and Lynn Beckett, lower right, daughter of C. J. Beckett, Process Maintenance.

## Fitness Classes Open To Y-12ers

**Mondays And Thursdays Chosen At High School**

All Carbide employees, regardless of age or girth, are being invited to participate in the physical conditioning classes conducted each Monday and Thursday at the Oak Ridge High School at 7:30 p.m.

The courses started this past Monday night, but employees may enter the physical fitness instructions at any time. Oak Ridge National Laboratory Recreation Supervisor, H. R. Payne explains the instructions as "progressive type calisthenics" with an addition of supervised programs of weight training (bar bells), basketball, volleyball and short games, following the sessions.

The only requirement asked is for participants to wear soft-soled shoes. Old clothes of any type, sweat shirts, etc. are suggested as the most comfortable type dress.

Payne, himself an ex-Vol star, in an additional plug for the sessions stated, "It's a good chance for adults to add good posture, organic vigor, strength, coordination, skill and alertness to his everyday living."

## Dove Hunting And The Law

**Field Baiting Is Strictly Verboten**

Along with the mountain of superstitions involved in dove-hunting, there are some few Tennessee laws hunters should keep in mind. Each year thousands of Tennesseans go afield in quest of the bird, and while the vast majority of these hunters seldom run afoul of the law, some few do. Many hunters are ignorant of the law, but "ignorance is no excuse" is a long established factor of legal history.

Since the dove is a migratory bird, law enforcement agents of the State Game and Fish Commission point out, Federal regulations relative to baiting, firearms, possession limits, and method of hunting have been adopted in Tennessee regulations. What constitutes baited dove fields? Baiting is defined as the placing or scattering of shelled, shucked, or unshucked corn, wheat or other grain, salt or other feed so as to lure or attract doves to, on, or over an area where hunters try to take them. Baiting is strictly forbidden. The officials define fields where grain has been scattered as a result of normal agricultural planting or harvesting are NOT considered baited fields.

### 1961 Season Split

The Tennessee season on doves is split this year, currently open until October 25. It opens again December 18 and extends through January 1, 1962. Bag limit is listed as 12, possession limit 24, and shooting hours are from 12 noon until sunset.

Firearms are confined to shot-guns capable of holding no more than three shells. This regulation does not prohibit the use of guns capable of holding more than three shells, but such guns should be properly plugged to prevent the holding of more than the required number. Rifles and handguns are strictly prohibited.

### Do's And Don't's

Among other do's and don'ts are the following: Don't shoot on private land without permission. Don't shoot on, across, or from a public highway right-of-way. Don't kill more than the legal limit. And what may soon become another regulation... don't fail to pick up all the doves that fall before your gun.

Some men use the tongue to express thought; some to conceal it; others instead of.



**CO-CAPTAIN OF THE WILDCATS** for 1961 is Jimmy Qualls, son of James H. Qualls, Product Processing. The fine tailback promises to be one of the big yard-gainers for the Oak Ridge eleven this year.

## Reel-Wagner Win Y Hoss Shoe Title

The Y-League for Carbide Horse-Shoers wound up their final play last week with winners Reel-Wagner trouncing Davy-Harness, 3-0, and laying undisputed claim on the Y-12 league championship. In other action Raper-Simmons edged by Gallman-Helms, 2-1, and Wyatt-Ryder took a forfeit 3-0 over Rogers-Clark.

Team	W	L
Reel-Wagner	11	4
Raper-Simmons	9	6
Wyatt-Ryder	8	7
Gallman-Helms	8	7
Davy-Harness	6	9
Rogers-Clark	3	12

## Audubon Society Opens Season October 11

The Audubon Screen Tours, sponsored by the National Audubon Society and the Oak Ridge Conservation Club, announces its opening show for Wednesday, October 11, at 7:30 p.m. at Jefferson Junior High School, Oak Ridge. Featured will be the film "Animals at Home and Afield," with Robert C. Hermes of Homestead, Fla.

Other films with naturalists are outlined by the Society for its annual showings. Tickets may be reserved either for the season or for individual shows. Season tickets are \$3.00 for adults, \$1.30 for students. Single admission tickets will be sold at the door for 75 and 35 cents.



**ONE OF Y-12'S STRONG CONTESTANTS** in the Carbide Archery League are these four Robin Hoods, masters of the fine art of archery. They are from left, R. J. Austin, F. L. Deal, E. W. Tompkins, and H. C. East. The ancient sport, popular in the days of merry old England, is enjoying a current revival among outdoorsmen.

## Y-12ers Take 12 Flights From Possible 20 In Turf-Tearing Climax To Season

**Consolation Flight Not Completed As Y-12's Arrowood Stays Alive In Semi-Final Play**

Carl Dorr, Y-12's all-time champion golfer, took his fourth All-Carbide Victory in stride, becoming the only man to win the title more than one time. The championship has rested in Y-12ers' hands since 1955, and becomes the seventh consecutive year that a Y-12er has walked away with the honor.

The semi-finals in the championship flight involved four Y-12 golfers-par-excellence: Art Hines, Dorr, Bill Maddux, and George Wylie. The four played one match as a foursome to determine the winner. Dorr came off first, with Wylie close behind in second place.

### Flight 1

Y-12's Bill Ingle took this flight, defeating Bob Toucey, from Oak Ridge National Laboratory. Ingle had previously downed J. W. Phillips, also of Y-12.

### Flight 2

Harry Shatley, Y-12, took Flight number 2, by defeating fellow Y-12er Ed Gambill. He had previously defeated J. H. "Tudor" Boyd in first round play. This eight-man flight involved seven Y-12ers and E. L. Olson, who fell by Gambill's hand.

### Flight 3

Another Y-12er, Gene O'Hara took flight number 3, defeating John Battle in second rounds, and felling D. S. Billington, Oak Ridge Gaseous Diffusion Plant, in the final match. O'Hara defeated Sy Kopplin, ORGDP, in his first match of the flight.

### Flight 4

E. L. Hendrix, Y-12, defeated ORGDP's Ken Cook for the championship of flight 4. Hendrix had previously defeated Jim Corum, ORNL, and Bill Hamill, Y-12, in other matches in the tournament.

### Flight 5

Two Y-12ers battled out the finals in Flight 5 as George Mitchell downed W. C. Collins. Collins had defeated Y-12 Sewell Brown, and Mitchell ousted ORGDP's J. M. Anderson.

### Flight 5-A

Two more Y-12ers battled the Flight 5-A to a finish as C. D. Robinson won over H. R. Butler. Butler had previously knocked out ORNL's Ray Walker, while Robinson had kayoed ORGDP's Ray Dickison and I. D. Stephens, also from ORGDP.

### Flight 6

Clyde Bowles, another Y-12er, swept flight 6 clean by clipping ORNL's Don Gardiner. Gardiner had won over Y-12's W. C. Hoppe, while Bowles had won from ORNL's Helen Daggett and Y-12's C. C. Morgan.

### Flight 7

ORNL's J. H. Buttram took flight 7 by defeating ORGDP's C. F. Hale in the final match. E. N. Rogers, Y-12's only hope, fell in his initial match to Buttram.

### Flight 8

ORGDP's Tom Denton took flight 8 victory by ousting R. S. Snead, also from ORGDP. Ed Ellis and Leo Scalf were the only two Y-12ers in this flight. Scalf eliminated Ellis early in play, then fell to the champion Denton.

### Flight 9

J. C. Thompson, Jr., Y-12, is the big stick in flight 9 by his victory over fellow-Y-12er Jay Holzknecht. Holzknecht defeated Jack Thomson, also from Y-12 in semi-final play, while Thomson eliminated ORNL's Ted Chapman.

### Flight 9-A

E. L. Arnold, ORGDP, won this flight defeating W. T. Grumbach, also from ORGDP. Y-12's only entries, C. R. McGinnis and A. C. Wright, fell in their first matches.



**CARL DORR**  
4-Time Winner

### Flight 10

ORNL's J. C. Banter took flight 10, defeating Y-12er W. A. Rutherford. Rutherford had previously defeated Y-12ers Jim George and ORGDP's B. R. Webb.

### Flight 10-A

T. Carter, ORGDP, won flight 10-A, killing off Robeson Carter, from ORNL. This was the only flight listed in the entire tournament where Y-12 did not have a single entry.

### Flight 10-B

Flight 10-B saw Y-12's only hope in the entire line-up, win the flight as Lamar Matthews took top honors downing Harry Eldridge, ORGDP. Matthews had previously ousted L. C. Toomer, ORGDP, and S. O. Lewis, ORNL.

### Flight 11

Only two Y-12ers entered in competition in flight 11 and both went to the finals: Jim Crone and B. B. Stanton. Stanton defeated Crone in the final match. He defeated Jim Kerr, ORNL, in semi-final play; while Crone bested Pete Gregory, ORNL.

### Flight 12

Y-12er R. B. Strickland took flight 12 by defeating Sheldon Jacobs, ORGDP. Jacobs had defeated Y-12er Tom Douglass previously, and Strickland downed R. W. Dehoney, also from Y-12.

### Flight 13

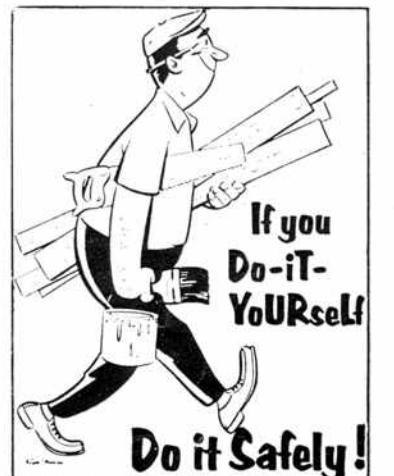
Karl Rapp, ORGDP, swept the top of flight 13 by downing Harvey Keese, ORNL. Y-12's Earl Crow fell in his second round to Rapp. O. E. Gilcrease slipped in his first match with Crow.

### Flight 14

E. L. Biddle, ORNL, took the last flight, by downing J. R. Collins, also from ORNL. Collins defeated Harlan Wright, Y-12, in the second round, while Biddle defeated Phil-Breman also in the second round.

## HORSEPOWER APLENTY

Thomas A. Edison, in 1880, devised an automotive engine powered by nitroglycerine.





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## Carbide Produces New Miniature Battery After 12 Years Silver Oxide Research

**System Offers Long Life, Higher Working Voltage;  
Can Be Used In Hearing Aids And Wrist Watches**

A new type of battery which maintains its performance in both cold and warm weather and does not leak has been introduced by Union Carbide Consumer Products Company, Division of Union Carbide Corporation.

The tiny silver oxide battery system is the result of 12 years research and development. Higher working voltage and outstanding low temperature performance, reportedly up to eight times better than existing types, are two important features made possible by this major scientific development. A unique sealing system eliminates the warm weather problem of salting and also eliminates leakage. The silver oxide system offers long shelf life, minimum sound distortion and long service through greater millampere-hour and watt-hour capacity.

The first batteries of the series will include sizes to be used in wrist watches. Other batteries of silver oxide fit many existing hearing aid instruments presently on the market. Still other types are scheduled for introduction in the coming months. A unique new application for some of these new batteries is an unusual lighted key, a key suitable for house, automobile, etc., which actually lights at the touch of a button.



**PETITE IS THE WORD** for Carbide's newest silver oxide battery designed for watches and hearing aids. It offers a multitude of uses to be developed also. (Petite and pretty is the word for the unknown model!)

## Chemical Engineers Meeting Tonight In KC Hall

The Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers will meet tonight, Wednesday, September 27, at 8 p.m. in the Knights of Columbus Hall, Oak Ridge.

The AICE meeting will feature a program conducted by Dr. R. N. Lyon, head of the Engineering Science Department of Oak Ridge National Laboratory's Reactor Division. He will discuss "Current Proposals for Desalting Water."

A social hour will follow the meeting, at which time refreshments will be served. Interested guests are invited to attend.

### SHARK TALES

The largest fish ever caught on a rod was a 2,536 pounder, a 16 foot 9 inch man-eating shark, snagged April 12, 1955, off the Ceduna, Australia coast.



"I'm taking a poll. Are you also in favor of my going and chasing myself?"

## Eastman Man Discusses Photography For ACS

The East Tennessee Section of the American Chemical Society will hold its monthly meeting Tuesday, October 10, with dinner slated at the University of Tennessee Faculty Club at 6:15 p.m. The ACS also announces this meeting as Ladies' Night.

Featured speaker of the meeting, scheduled at 8 p.m., at UT's Dabney Hall, will be Dr. John R. Thirtle, from Eastman Kodak Research Laboratories, Rochester, N. Y. He will discuss "Light and Color — Chemistry of Color Photography."

ACS officials plan to award the past-chairman pins for the last 21 years at the October meeting.

### GAY 90's—NO GAS

Before 1900 gasoline was often called naphtha, and was considered a waste product.

## Badge Exchange Time Returns Saturday

**Yellow Borders Back  
On Identification**

The quarterly badge exchange time for Y-12ers has come again! This time it's yellow back again. The present solid blue badges will be turned in for the new badge. The new means of identification go into the racks midnight, Saturday, September 30, to be available for the first shift coming to work October 1.

Employees will have until October 10 to secure their new badges. After that date, the picture badges will be removed to the Badge and Pass Office, Building 9704-2.

The exchange will be effected like every other badge exchange which takes place every three months.

The new meter-type badges have been in use by Y-12ers for more than a year. Arranged in badge number order at the portals, the self-service exchange has been easily conducted in the past.

If an employee has changed portals of entry since July 1, 1961, he should fill out a change-of-portal card, available at the racks, so that the new badge will be put at his new portal.

The take-home badges have metering devices to provide information in case of any nuclear accident which may occur.



**Ride wanted from 4503 Cardinal Rd., Fountain City, to any portal, straight day.** J. D. Kirkpatrick, plant phone 7993, home phone Knoxville 687-3608.

**Ride wanted from West Emory Road, Karns, to Central Portal, straight day.** B. L. Fritts, plant phone 7009, home phone Knoxville 588-6175.

**Two rides wanted from Sander-son Rd., West Haven section, Knoxville, to Central Portal, straight day.** Robert Clark, plant phone 7009, home phone Knoxville 523-7362.

**Ride wanted from vicinity of Pennsylvania Avenue and Pallas Road, Oak Ridge, to West Portal, straight day.** Lucy Parker, plant phone 7301.

**One rider wanted from West Haven section, Knoxville, to West or Central Portals, straight day.** Bill Clark, plant phone 7-8773, home phone Knoxville 525-1365.

## Instrument Society Sets Meeting Next Wednesday

The Oak Ridge Section of the Instrument Society of America will hold its monthly meeting next Wednesday, October 4, at 6:30 p.m. in Room 5 of the S & W Cafeteria, Knoxville.

Featured speaker will be H. E. Darling, Research Engineer for Foxboro Co., who will speak on "Solid State Controllers, Using Magnetic Amplifiers and Silicon Controlled Rectifiers." All Knoxville-Oak Ridge area members and guests are invited to attend.

## Friday Is Deadline In Safety Poster Race

Friday, September 29, is the final day to enter the Safety Department's final poster contest of the year. The theme is listed as "Freedom From Injury—Safety's Greatest Gift," and will be used in the plant-wide safety campaign during December.

The first prize is a meat cutter and a wall can opener is offered as second prize. Winners in the competition will be announced later in the Bulletin.



**FINDING HIS NATIVE VIENNA** is no problem for Raimund Badelt, Austrian student, living this winter in the J. L. Williams home at 7027 Rockingham Dr., Knoxville. Mr. and Mrs. Williams are seated on the couch watching the "sons" with the map. On the floor from left are Mike Williams, 9; Ray, and Joe Williams, Jr., also a senior at Bearden High School.

## Peons Take 2nd Slo Pitch Slot

**'Roy's Boys' Win  
Best Out Of Three**

The Slo Pitch League for Car-biders wound up last week for the season as the Y-12 Peons took undisputed title to second place in league standings. They won best out of three from the Oak Ridge Gaseous Diffusion Plant's Codgers.

The Peons dropped the first game in the three-game play-off 26 to 4, looking like slim pickins for second place. Dripps and Iacavino homered for the winning Codgers. Harrison tripled, and Corn, Whittlesey, Clay and Holt had doubles. For the losing Peons it was Stewart with a triple, Bailey with a double.

**Line scores**

	R	H	E
Peons	26	23	1
Codgers	4	10	8

Batteries: Codgers: Iacavino and Johnson. Peons: Rutherford and Bailey.

It was a different story for the game number two and "Roy's boys" came through showing the real spunk that carried them through the season. They defeated the Codgers 6 to 3 as Collins surrendered only two hits to the clobbered Codgers. Only multiple-based hits were earned on the Peon list as Wright tripled; Roe, Stewart and Cheek came through with doubles.

**Line scores**

	R	H	E
Peons	6	11	2
Codgers	3	2	1

Batteries: Peons: Collins and Welfare. Codgers: Iacavino and Johnson.

Game number three, the big-tie-breaker, was played later in the week. The Peons took this one easily 16 to 5, despite two homers by Whittlesey and triples by Dripps and Harrison for the losing Codgers. Collins tripled on the Peon side and earned two doubles, as Cheek, Wright, Brown, and Roe also doubled.

**Line scores**

	R	H	E
Peons	16	17	2
Codgers	5	10	1

Batteries: Peons: Collins and Lambdin. Codgers: Iacavino, Whittlesey and Burgess.

### Correction

Last week's Bulletin stated the ORGDP Kentucky Wonders had not suffered a defeat in about three years. Although they went through the 1961 season undefeated, they did lose one game last year to the ORGDP team, Process Engineers. It was their only loss for the 1960 season. Process Engineers were rechristened this year to become the Codgers.

### ANYONE WE KNOW?

When the gorilla is nervous, he bites his lip; when sad, he pouts.



**SHARING A LETTER** from his real home American Field Service student Raimund Badelt joins his "foster" family. Mrs. Williams states Ray fits very nicely into his American home. The visiting student also says he hasn't had time to get homesick. "There's too much to do and think about," he stated.

## AERE Man To Hold Physics Seminar

Oak Ridge National Laboratory's Physics Division announces its seminar this week as being on the "Capture Gamma-Ray Spectra for Neutron Resonances in Platinum," to be conducted by J. R. Bird, AERE, Harwell, England.

The seminar will be held Friday, September 29, at 3:15 p.m. in the Central Auditorium of ORNL's 4500 building. All interested technical personnel are invited.

### CIRCUITLESS WIRELESS

A radio receiver containing no tubes, transistors or traditional electronic circuits has been built, its main components being six silicon wafers about the size of a dime.



"Gesundheit!"